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| **Theoretical Probability with Spinners** | | | | | | | |
| The fair five-sided spinner shown is spun once. | | **(a)** | **(b)** | | **(c)** | | **(d)** |
| What is the probability of the spinner landing on green? | What is the probability of the spinner landing on purple or white? | | What is the probability of the spinner landing on black? | | Sania spins the spinner times. How many times would she expect it to land on orange? |
| The fair six-sided spinner shown is spun once. | | **(e)** | **(f)** | | **(g)** | | **(h)** |
| What is the probability of the spinner landing on white? | What is the probability that the spinner does not land on orange? | | Which is more likely – the spinner landing on white or the spinner landing on green? | | Lola spins the spinner times. How many times would she expect it to land on white? |
| The fair eight-sided spinner shown is spun once. | | **(i)** | **(j)** | | **(k)** | | **(l)** |
| What is the probability of the spinner landing on a number less than ? | What is the probability of the spinner landing on an odd number? | | What is the probability of the spinner not landing on a prime number? | | Aidan spins the spinner times. How many times would he expect it to land on a or ? |
| **(m)** | | | | **(n)** | | | |
|  | Here is a fair eight-sided spinner. Complete the spinner so that:   * The probability of landing on a is the same as the probability of landing on a * The probability of landing on a is * The total of all the numbers on the spinner is . | | |  | | Here is a fair eight-sided spinner. Complete the spinner so that:   * The probability of landing on an odd number is * The probability of spinning a is the same as the probability of spinning a * All the numbers on the spinner are less than * The total of all the numbers is . | |